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wherein said carbon or said carbon compound includes at least one of diamond like carbon, graphite, diamond, a carbon nanotube, a graphitic nanofiber, and fullerene.

8. An electron source that is formed by arranging

a plurality of electron-emitting apparatuses of any one of claims 1 to 7 and emits electrons from at least one of the plurality of electron-emitting apparatuses according to an input signal.

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9. An image-forming apparatus comprising:  
the electron source of Claim 8; and  
an image forming member on which an image is formed by irradiation with electrons emitted from the electron source.

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10. An electron-emitting device comprising:  
a first electrode arranged on a surface of a substrate;

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an insulating layer arranged on the first electrode;

a second electrode arranged on the insulating layer; and

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an electron-emitting film arranged on the second electrode,

wherein the second electrode has two side surfaces that oppose each other in a direction substantially parallel to the surface of the substrate, and the electron-emitting film is arranged so as to be shifted close to one of the two side surfaces.

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11. An electron-emitting device according to

wherein the electron-emitting film is an aggregate of fibers whose main ingredients are carbon.

wherein each fiber whose main ingredient is carbon is one of a carbon nanotube and a graphite nanofiber.

wherein each fiber whose main ingredient is carbon includes a graphene.

wherein each fiber whose main ingredient is carbon includes a plurality of graphenes.

wherein the plurality of graphenes are laminated in an axial direction of the fiber.

wherein electrons are emitted from the electron-

